

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently amended) A system for accessing data, the system stored on computer storage medium, the system comprising:
 - a parser ~~to that~~ receives and parses information associated with a data source;
 - a data document component ~~to that~~ receives at least a portion of the parsed information, the data document component ~~having~~ stores a hierarchical model representation of the ~~at least a~~ portion of the parsed information associated with the data source; and
 - a data set component ~~to that~~ receives the at least a portion of the parsed information, the data set component ~~having~~ stores a relational model representation of the at least a portion of the parsed information associated with the data source;
 - the data set component and the data document component ~~being mapped to each other coordinate to facilitate accessing~~ enable access to the at least a portion of the parsed information in either ~~representation, changing representation such that changes to the at least a~~ portion of the parsed information is performed via the representation accessed ~~and synchronizing these changes in are synchronized to~~ the other representation.
2. (Currently amended) The system of claim 1, the data source being a relational database ~~document~~.
- 3-7. (Cancelled)

8. (Currently amended) A system stored on computer storage medium, the system facilitating access to data, comprising:

an XML data document component ~~having that stores~~ a hierarchical model representation of ~~information associated with data in~~ an XML source document; and

a data set component ~~having that stores~~ a relational model representation of ~~at least some a portion of the information associated with the data in~~ the XML source document,

~~wherein the system is configured to facilitate accessing and changing information in~~ the XML data document component facilitates access to the hierarchical model representation of the data and ~~reflecting these propagates changes to the data via the hierarchical model in to the relational model representation of the data set component~~ according to a mapping between the XML data document component and the data set component.

9. (Cancelled)

10. (Currently amended) The system of claim 8, further comprising an XML parser ~~configured to that~~ retrieves information from the XML source document and ~~to~~ sends the information to the XML data document component and the data set component.

11-26. (Cancelled)

27. (Currently amended) A computer storage medium having computer executable components for accessing data, comprising:

a data document component ~~configured to that~~ stores hierarchically represented source document ~~information~~ data;

a data set component ~~configured to~~ stores relationally represented source document ~~information~~ data; and

a component ~~configured to facilitate that synchronizing~~ synchronizes one or more changes made to the relationally represented source document ~~information~~ data with the hierarchically represented source document ~~information~~ data.

28-29. (Cancelled)

30. (Currently amended) The system of claim 1, the data set component ~~having~~ comprises a structural inference component ~~configured to~~ that infers a relational model structure of the data source.

31. (Currently amended) The system of claim 1, the data set component ~~having~~ comprises a schema component ~~configured to~~ that receives a schema describing a relational model structure of the data source.

32. (Currently amended) The system of claim 10, the data set component further comprising a structural inference component ~~configured to~~ that infers a relational model structure of the XML source document.

33. (Currently amended) The system of claim 10, the data set component further comprising a schema component ~~configured to~~ that receives a schema describing a relational model structure of the XML source document.

34. (Currently amended) Computer-executable instructions for performing a method of accessing data, the computer-executable instructions stored on one or more computer-readable media, the method comprising;

parsing ~~information associated with~~ data from a data source;

mapping a hierarchical model representation of at least some of the parsed ~~information~~ data and a relational model representation of at least some of the parsed ~~information~~ data to each other; and

synchronizing changes made to the hierarchical model representation of the least some of the parsed ~~information~~ data with the relational model representation of the at least some of the parsed ~~information~~ data.

35. (Currently amended) A system for accessing data, the system stored on one or more computer-readable media, the system comprising;

means for parsing information associated with a data source;

means for mapping a hierarchical model representation of at least some of the parsed information and a relational model representation of at least some of the parsed information to each other; and

means for synchronizing changes made to the hierarchical model representation of the at least some of the parsed information with the relational model representation of the at least some of the parsed information.